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(54) ELECTROSURGICAL APPARATUS

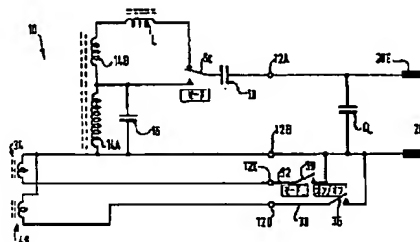
(57) Abstract:

PURPOSE: To utilize an electrosurgical apparatus for electric surgical treatment, particularly for tissue cutting, by increasing an output voltage.

CONSTITUTION: In an electrosurgical apparatus for drying and cutting a tissue, an electric surgical generator has a negative charge capacitance CL and output inductor L connected in series. The capacitance contains an electrode unit and a cable connected with a generator output 12A. The inductor forms a resonant circuit connected in series. Frequency of the resonant circuit connected in series is typically 1.5f, wherein f

is operating frequency. The capacitor is included between conductors and bonded with them. By the conductors, a bipolar electrode 20E is connected with the generator in order to increase negative charge capacitance CL.

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